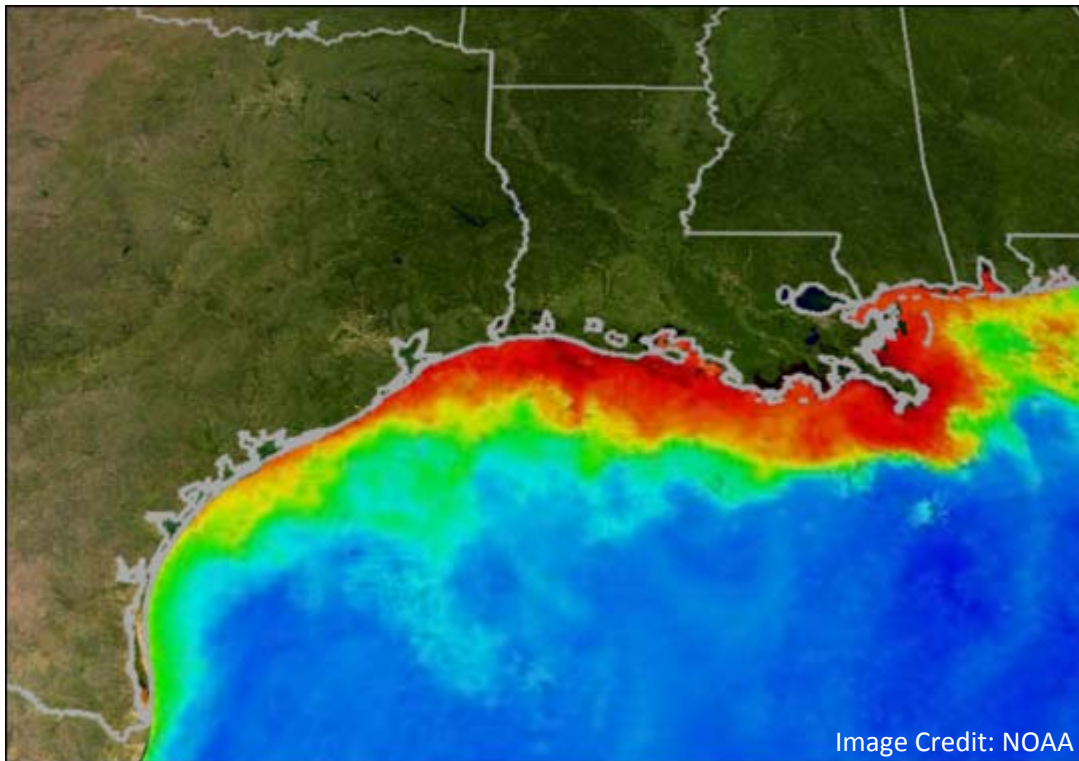




Mississippi Application

- 1) With the vast amount of land area in the US draining to the Mississippi and the extensive agriculture in the area the results of excess nutrients and pollution can be harmful. Brainstorm ideas for pollution reduction.
- 2) Research the vast dead zone in the Gulf of Mexico caused by excess nutrients.
- 3) Have students research how plants are being used, or can be used to reduce nutrient pollution from both farms and urban and suburban landscapes. Information on green infrastructure techniques such as rain gardens and conservation landscapes can be found at the Izaak Walton League's www.landsgreenwatersclean.org site. There also are a lot of methods for vegetation to filter farm lands such as filter strips and buffers. Constructed wetlands also are used to filter waste water in some municipal systems. OAR may pass by some areas of vegetation along the river and be able to point some of these features out.



For more information and for additional activities please visit www.creekfreaks.net/library to download the Holding onto the Green Zone Action Guide.